DERWENT-ACC-NO: 1968-66566P

DERWENT-WEEK 196800

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TITLE:

Printed laminated thermoplastic wrapping sheets bonded

PATENT-ASSIGNEE: UNION CARBIDE CORP[UNIC]

PRIORITY-DATA: 1964CA-0900393 (April 15, 1964)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC

CA 739923 A

N/A

000 N/A

ABSTRACTED-PUB-NO: CA 739923A

BASIC-ABSTRACT:

Two thermoplastic sheets of wrapping material, e.g. for bread, are laminated by printing with ink on a surface of one sheet and uniting the printed surface while the ink is still wet with the printable surface of another sheet, the sheets being bonded by the ink. When one of the sheets is wider than the other, portions of it may extend beyond the opposite sides edges of the narrower sheet. The thermoplastics may be e.g., polyethylene, polypropylene, nylon, vinyl chloride or vinylidene chloride. Standard flexographic inks are used. If necessary, the sheets are flame-treated to render them printable.

TITLE-TERMS, PRINT LAMINATE THERMOPLASTIC WRAP SHEET BOND

DERWENT-CLASS: A00

CPI-CODES: A04-G02; A11-B09; A11-C01; A12-S06;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Multipunch Codes: 01& 041 046 047 303 313 364 366 367 371 381 431 435 443 446 477 633 688 723

I. Number		Search Text transfer\$8 near9 ((hot near2 melt) heat) and (screen\$1printing near5 ink.)	DB USPAT; US-PGPUB,	Time stamp 2003/04/15 18:27
20	42	pvc near3 plastisol near9 mk	EPO, JPO, DERWENT; IBM_TDB USPAT, US-PGPUB; EPO, JPO, DERWENT;	2003/04/15 14 34
21	8	(pvc near3 plastisol near9 ink) near9 (aqueous water solvent)	IBM_TDB USPAT, US-POPUB; FPO, JPO; DI RWENT;	2003/04/15 14 35
22	154	pvc near9 (plastisol plasticizer) same (pigment ink) same (aqueous water solvent)	BM_TDB USPAT, US-PGPUB; FPO; JPO; DERWENT;	2003/04/15 14:36
23	121	(pvc (polyvinyl near2 chloride)) near9 (plastisol plasticizer) near9 (pigment ink) same (aqueous water solvent)	IBM_TDB USPAT, US-PGPUB; EPO, JPO,	2003/04/15 14:42
25	()	((pvc (polyvinyl near2 chloride)) near9 (plastisol plasticizer) near9 (pigment ink) same (aqueous water solvent)) same screen\$1print\$4	DERWENT, IBM_TDB USFAT US-PGPUB: FPO, JFO.	2003/04/15 14:54
24	79	(pvc (polyvinyl near2 chloride)) near9 (plastisol plasticizer) near9 (pigment ink) near9 (aqueous water solvent)	DERWENT; IBM_TDB USPAT; US-PGPUB; I PO: JPO;	2003/04/15 14:56
26	l	((pvc (polyvinyl near2 chloride)) near9 (plastisol plasticizer) near9 (pigment ink) same (aqueous water solvent)) and screen\$1print\$4	DEEWENT, IBM_TDB USPAT, US-PGFUB, EPO; JPO;	2003/04/15 14 54
28	33	(pvc (polyvinyl near2 chloride)) near9 plastisol near9 plasticizer same (pigment ink) same (aqueous water solvent)	DERWINT, IBM_TDB USPAT; US-PGPUB; I PO, JPO, DERWINT	2003/04/15 14:58
27	10	(pvc (polyvinyl near2 chloride)) near9 plastisol near9 plasticizer near9 (pigment ink) same (aqueous water solvent)	DERWENT, IBM_TDB USPAT; US-PGPUB; I PO, IPO,	2003/04/15 15 14
29	489	transfer\$8 near9 ((hot near2 melt) heat) and release near2 paper same (release silicone) near4 coat\$4	DERWENT: IBM_TDB USPAT: US-PGPUB: FPO, IPO, DEEWENT:	2003/04/15 15:17
32	2 ***	applique graphic logy decal label (and transfer\$8 near9) (hot near2 melt) heat) and release near2 paper same (release silicone) near4 coat\$4)	BM_TDB USPAT, US-PGPUB, FPO; JPO, DERWENT, IBM_TDB	2003 04 15 15 23
			_	

			•	
33	70	((applique graphic logo decal label) and (transfer\$8 near9 ((hot near2 melt) heat) and release near2 paper same (release silicone) near4 coat\$4)) and (fabric garment)	USPAT: US-PGPUB: EPO JPO:	2003/04/15 15:56
			DERWENT.	
3()			IBM_TDB	200.200.000
3()	119	transfer\$8 near9 ((hot near2 melt) heat) and (applique graphic logo decal label) and laser near9 cut\$6	USPAT: US-PGPUB:	2003/04/15 16:09
		decar raber) and raser near 9 cut, so	Por Iro;	
			DERWENT.	
			IBM_TDB	
34	25		USFAT	2003/04/15 15.56
		decal label) and laser near9 cut\$6) and (fabric garment)	US-PGFUB. IPOLIFO:	
			DERWENT.	
			IBM_TDB	
35	36		USPAT.	2003/04/15 15:57
		decal label) and laser near9 cut\$6) and (fabric garment cotton cloth\$4)	US-PGPUB:	
		ctoin24 i	- FPOUPO. DERWENT:	
			IBM TDB	
36	I		USPĀT:	2003/04/15 16:13
		decal label) and laser near9 cut\$6 same (singe\$4 burn\$4)	US-PGFUB.	
			I PO; JPO; DERWI NT;	
			IBM TDB	
37	65	(applique graphic logo decal label) and laser near9 cut\$6 same	USPAT:	2003/04/15 16:21
		(singe\$4 burn\$4)	US-PGPUB;	
			FPO, JPO:	
			DERWEAT. IBM_TDB	
38	126	(applique graphic logo decal label) same (singe\$4 burn\$4) same	USPAT.	2003/04/15 16 15
		laser	US-PGPUB:	
			ТРО; ЛРО;	
			DERWENT:	
39	24	(applique graphic logo decal label) same (singe\$4 burn\$4) same	IBM_TDB USPAT,	2003/04/15 16:36
		laser same cut\$5	US-PGPUB:	200200000000000000000000000000000000000
			РРО, ЛГО,	
			DERWENT.	
40	1	laser near3 cut\$6 same (singe\$4 burn\$4) same visible near5 (line	IBM_TDB USPAT	2003/04/15 16:23
	•	mark)	US-PGPUB,	2
			FPO, JPO,	
			DERWENT	
41	539	laser near3 cut\$6 same (singe\$4 burn\$4)	IBM_TDB USPAT	2003/04/15 16 23
* 1	2.21.2	raser hears erase same (singespt ourns)	US-PGPUB:	20030040101020
			FPO JPO	
			DERWINT.	
42	2.10	Liver marks aut 66 march / marks 1 humps 13	IBM_IDb	2003 04.15 16 36
7_	240	laser near3 cut\$6 near9 (singe\$4 burn\$4)	USFAT. US-PGFUB.	7005 04:15:10 30
			EPO, JPO,	
			DERWETT,	
1.1	3	- large page 2 miles and a second sec	IBM_TDB	2002-01-15 12"
44	2	(laser near3 cut\$6 same (singe\$4 burn\$4)) same weed\$4	USFAT. US-PGPUB.	2003/04/15 16/26
			FPCL IPCL	
			DERWICAL.	
			IBM_TDB	

43	43	(laser near3 cut\$6 same (singe\$4 burn\$4)) same (design indicia graphic letter image)	USPAT, US-PGPUB: 1 PO, JPO;	2003/04/15 16 27
			DERWENT.	
			IBM_TDB	
45	1479	(applique graphic logo decal label design) same laser near9	USPĀT.	2003/04/15 16:39
		(singe\$4 burn\$4 white\$6 track blacken\$9 mark\$4)	US-PGPUB:	
			ТРО, ЛГО;	
			DERWEST	
			IBM_TDB	
46	555	(applique graphic logo decal label design) near9 laser near9	USPAT.	2003/04/15 16.41
		(singe\$4 burn\$4 white\$6 track blacken\$9 mark\$4)	US-PGPUB:	
			FPO, IPO; DERWENT;	
			BM_TDB	
47	11	(applique graphic logo decal label design) near9 laser near9	USPAT	2003/04/15 16:44
• * *	1.1	(singe\$4 burn\$4 white\$6 blacken\$4) near9 (track visible line	US-PGPUB.	200,00 0 13 10, 44
		mark\$4)	IPO, JPO;	
			DERWENT:	
			IBM TDB	
49	2850	laser near9 cut\$4 near9 (track visible line mark\$4)	USPĀT.	2003/04/15 17:16
			US-PGPUB;	
			FPO, JFO,	
			DERWINT:	
***			IBM_TDB	
48	4()	laser near9 cut\$4 near9 (singe\$4 burn\$4 white\$6 blacken\$4) near9	USPAT	2003/04/15 16:57
		(track visible line mark\$4)	US-PGPUB:	
			PO JPO. DERWENT.	
			IBM_TDB	
50	9	laser near9 cut\$4 near9 (edge line) near9 (char\$5 singe\$4 burn\$4	USPAT.	2003/04/15 17:02
		blacken\$4) near9 (track visible trace mark\$4)	US-PGPUB:	
			FPO JPO.	
			DERWELT.	
			IBM_TDB	
51	62	laser near9 (trace singe\$4 burn\$4 track visible line mark\$4) near9	USPAT:	2003/04/15 17:44
		edge near3 cut	US-PGPUB;	
			EPO, JPO,	
			DERWENT:	
52	2	1951061 m	BM_TDB USPAT:	2003/04/15 18:25
21.4	2	4851061.pn.	US-PGPUB;	2003/04/12 16.22
			FO TO	
			DERWENT	
			IBM_TDB	
53	7()	label near9 plurality near9 release near3 (paper sheet)	USFAT:	2003/04/15 18:30
			US-PGFUB,	
			Fro, Po.	
			DERWENT,	
5.1	1 1	al halon social la consocial and a la consocial and	H.M100	2///2/2/11/15 10 2
54	11	(label near9 plurality near9 release near3 (paper sheet)) same	USPAT.	2003.04/15 18.26
		perforat\$5	US-PGPUB. FPO, (PO)	
			DEFWEMENT.	
			IbM_iDb	
55	3	transfer\$8 near9 ((hot near2 melt) heat) and (label near9 plurality	USPAL.	2003 04 15 18 30
	•"	near9 release near3 (paper sheet))	US-PGPUB.	=
			EPO, IPO,	
			DERWENT,	
			BM_TDB	

56	44	transfer\$8 near9 ((hot near2 melt) heat) near9 label same release near3 (backing paper sheet)	USPAT: US-PGPUB:	2003/04/15 18.47
		nedis (weeking paper sincer)	FPO JPO, DERWENT,	
57	3	(transfer\$8 near9 ((hot near2 melt) heat) near9 label same release near3 (backing paper sheet)) same roll	IBM_TDB USPAT. US-FGP#B:	2003/04/15 18:41
			PO JPO: DERWENT, IBM TDB	
58	.3	("3984167" "3616015") pn	USPĀT. US-PGFUB. PPO JPO.	2003/04/15 18:52
5.0			DERWEAT: IBM_TDB	
59	()	117/3.2 cels.	USPAT. US-PGPUB; FPO JPO:	2003/04/15 18 52
-	13	transfer near3 heat near9 graphic same fabric	DERWENT: IBM_IDB USPAT	2003/04/15 12.32
		g 1	FPO: JFO: DERWENT:	
-	6	"6015604" "5902667"	IBM_TDB USPAT US-PGPUB;	2003/04/15 09:07
			TPO JFO. DEFWENT: IBM_TDB	
-	247	transfer near3 heat same (graphic logo decal pattern) same fabric	USPAT. US-PGPUB; 1 PO: JFO:	2003/04/15 09:57
	6571	transfer near3 heat same (graphic logo decal pattern)	DERWENT, IBM_TDB USPAT.	2003/04/15 11 01
	0571	dansier hears near same (grapme togo decar pattern)	US-PGPUB, 1 PO, JFO.	200,00412 11 01
-	1	(transfer near3 heat same (graphic logo decal pattern)) same kiss\$1cut\$4	DERWEST; BM_TDB USPAT; US-PGPUB;	2003/04/15 10:54
			FPO, JPO, Derwent; IBM_TDB	
-	4	(stahl near3 brett) in	USFAT, US-PGPUB, FPO, JPO	2003/04/15 10 55
	200		DERWENT. BM_TDB	200200 - 2 - 2
-	289	(transfer near3 heat same (graphic logo decal pattern) (same cut\$4	USLAL US-POP B. EPO, IPO.	2003 04 (5 (0 5)
-	20	transfer near3 heat same (graphic logo decal) same cut\$4	DEEWENT. BALTDU USPAT.	2003/04/15/11/38
			US-PGFUB. FPOUFO DERWENT.	
			HM_HM	

-	?	"5573834"	USPAT.	2003/04/15 11 34
			US-PGFUB. EPO, JFO;	
			DERWENT. IBM TDB	
-	1	transfer near3 heat same (graphic logo decal) and screen\$1print\$4	USPAT	2003/04/15 11:39
		near4 ink	US-PGPUB; TPO; JPO;	
			DERWI NT.	
	7		IBM_TDB USPAT	204.270.1/15.11.20
-	ž	transfer near3 heat and (graphic logo decal) and screen\$1print\$4 near4 ink	US-PGPUB;	2003/04/15 11/39
			FPO: JPO:	
			DERWENT; BM_TDB	
-	7	transfer\$8 near3 heat and (graphic logo decal) and screen\$1print\$4	USPAT.	2003/04/15 11:43
		near4 ink	US-PGPUB:	
			T POUTFO. DERWENT.	
			IBM_TDB	
-	624	transfer\$8 near3 heat same (applique graphic logo decal)	USPAT.	2003/04/15 11.50
			US-PGPUB; TPO: JPO;	
			DERWENT:	
	9	(transfer\$8 near3 heat same (applique graphic logo decal)) and ink	IBM_TDB USPAT:	2003/04/15 11:51
-	9	same adhesive same liquid	US-PGPUB;	2003/04/15 11.51
			I PO; JPO;	
			DERWINT: IBM_TDB	
-	107549	transfer\$8 near9 ((hot near2 melt) heat) and (applique application	USPĀT:	2003/04/15 12:05
		graphic logo decal)	US-PGFUB; FPO, IPO,	
			DERWENT	
			IBM_IDB	
-	47	(transfer\$8 near9 ((hot near2 melt) heat) and (applique application graphic logo decal)) and ink near9 liquid near9 adhesive	USFAT. US-PGPUB:	2003/04/15 15:17
			FPÖLIPOL	
			DEEWI NII. IBM_TDB	
-	16	(transfer\$8 near9 ((hot near2 melt) heat) and (applique application	USPĀT:	2003/04/15 11:55
		graphic logo decal)) and ink near9 liquid near9 (applying coat\$4) near9 adhesive	US-PGP/B.	
		iteat 9 autiente	EPO, IPO, DERWEST:	
	2		HBM_TDE:	2002/01/25 12 52
-	2	(transfer\$8 near9 ((hot near2 melt) heat) and (applique application graphic logo decal)) and (paint pigment dye ink) near3 liquid near9	USPAT; US-FGPUB;	2003/04/15 13:52
		(thermoplastic (het-sensitive)) near3 adhesive	EPC IPC	
			DERWEST.	
_	10	"3733212"	IBM_TDE USFAT,	2003-04.15 12 09
			US-PGPUB.	
			EPO, IPO, DERWENT.	
			IBM_IDB	
-	1	(paint pigment dye ink) near3 liquid near9 (thermoplastic	USFAT:	2003 04:15 12:13
		thet-sensitive (mear3 adhesive near) applying	US-CHUB. Programs	
			DEEWELL.	
			IBM_TDb	

-	3	(paint pigment dve ink) near3 liquid near9 (thermoplastic	USPAT:	2003/04/15 12:44
		(het-sensitive)) near3 adhesive near9 (coat\$4 laminat\$5 applying)	US-PGPUB. FPO, JPO. DERWENT:	
-	53	(paint pigment dye ink) near3 liquid near9 (thermoplastic (het-sensitive)) near9 (coat\$4 laminat\$5 applying)	IBM_TDB USPAT: US-PGPUB.	2003/04/15 12/15
		(het-sensitive)) heary (coats4 faithlats), applying)	HO, JPO. DERWENT:	
-	1	(paint pigment dye ink) near9 wet near9 (thermoplastic (heat-sensitive)) near9 (laminat\$5 applying)	IBM_TDB USPAT: US-PGFUB:	2003/04/15 12:21
		11	FPO, JPO; DERWENT,	
-	14	(paint pigment dye ink) near9 wet near9 (thermoplastic (heat-sensitive)) near9 (coat\$4 laminat\$5 applying)	IBM_TDB USPAT: US-PGPUB:	2003/04/15 12:23
			FPO, JPO; DERWENT; IBM_TDB	
-	3	(paint pigment dye ink) near9 wet near9 (thermoplastic (heat-sensitive)) near9 bond\$4	USPĀT. US-PGPUB:	2003/04/15 12:25
			FFO JPÖ! DERWENT IBM_TDB	
-	14	"739923"	USPAT. US-FGPUB; FPO, JPO;	2003/04/15 12:25
			DERWENT: IBM_TDB	2002/04/15 12 22
-	4	"5667614"	USPAT: US-PGPUB: EPO: JPO:	2003/04/15 12:32
	1	"20030035933"	DERWENT: IBM_TDB USEAT:	2003/04/15 13 13
	ı		US-PGPUB; FPO, JPO,	2.00.700712 1. 1.
-	22	"5112423"	DERWEMT, IBM_TDB USPAT;	2003/04/15 13:26
			US-PGPUB, EPO, JPO, DERWENT,	
-	23	"3660212"	IBM_TDB USFAT,	2003/04/15 13 50
			US-PGP B. EPO JPO. DERWENT.	
-	3908	screen\$1printing	IBM_TDB USFAT, US-PGPUB:	2003/04/15 13 51
			EPO, IPO, DEEWEST,	
-	378	screen\$1printing near5 (ink paint\$4 pigment)	IBM_TDB USPAT: US-PGPUB:	2003 6415 13 52
			EPOLIPOL DERWENT, IBM_TDB	

-	308		USPAT.	2003/04/15 13 52
			US-PGPUB.	
			EPO, JPO:	
			DERWENT,	
			IBM_TDB	
-	9	transfer\$8 near9 ((hot near2 melt) heat) and (applique graphic logo	USPAT;	2003/04/15 14:08
		decal) and (screen\$1printing near5 ink)	US-PGPUB:	
			EPO, JPO,	
			DERWENT.	
			IBM TDB	